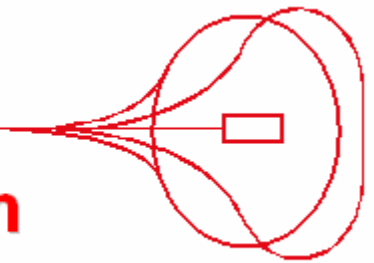


# SLUO

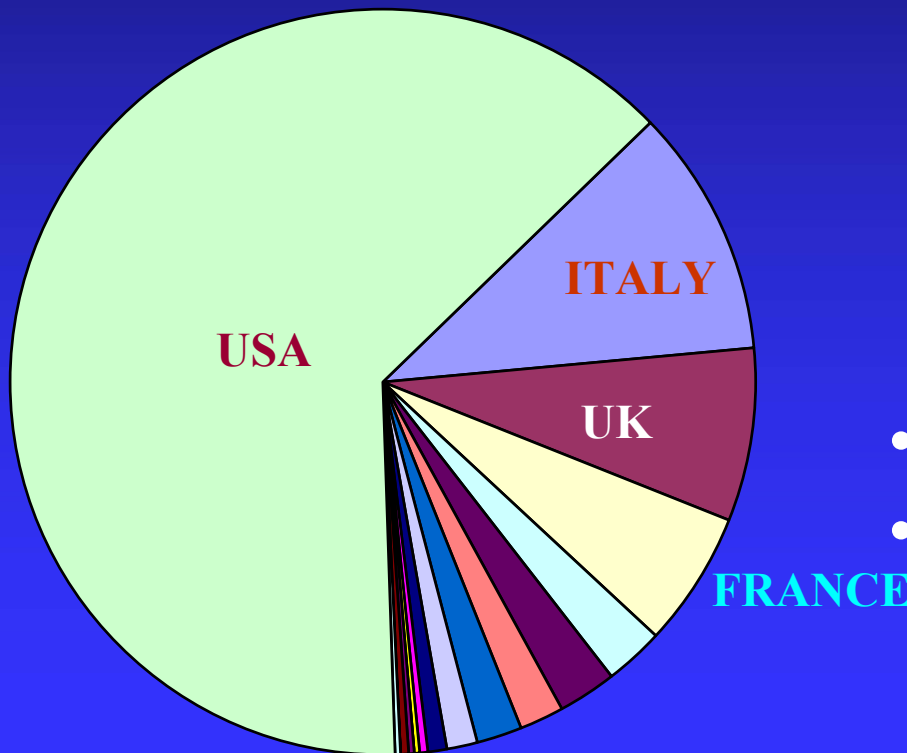
**SLAC Users Organization**



Eli I. Rosenberg  
Iowa State University  
Chair, SLUO Executive Committee

# Who Are the SLUO Members?

- Theorists, Experimentalists, Accelerator Physicists who come to exploit the research facilities at SLAC
- Sr. scientists to graduate students



~1500 Registered Users  
• ~180 Institutions  
• ~19 Countries

# How are we organized?





# How are we organized II

## The SLUO Executive Committee

Fran Spiller, Administrator

Phil Burrows  
SLD,NLC  
2001-2003  
Oxford

Eduoard do Couto e Silva  
GLAST  
2002-2004  
SLAC

Gabriella Sciolla  
BaBar  
2003-2005  
M.I.T.

Sridhara Dasu  
BaBar  
2001-2003  
Univ of Wisconsin

Gautier de Hamel Monchenault  
BaBar  
2002-2004  
Saclay

Ray Cowan  
BaBar  
2003-2005  
M.I.T.

John Harton  
BaBar  
2001-2003  
Colorado State University

Krishna Kumar  
E158  
2002-2004  
Univ. of Massachusetts

Yury Kolmensky  
E158, BaBar  
2003-2005  
U.C. Berkeley

Homer Neal  
SLD, BaBar, NLC  
2001-2003  
Yale University

Amanda Weinstein  
BaBar  
2002-2004  
Grad Student

Eli Rosenberg  
BaBar  
2003-2005  
Iowa State Univ.

# What does SLUO do?

1. To provide an **organized channel for communication** between the **users** of SLAC facilities and the **administrators** of the Laboratory on matters of operating policy and facilities utilization;
2. To provide a means for **facilitating** the **involvement** of its members in specific projects at SLAC
3. To provide **information to its members** on matters affecting their relationship to the laboratory;
4. To help **promote the utilization** of existing **SLAC facilities** and the approval of the new ones, as deemed appropriate by the members and the SLAC management.

# Recent Directions

- Recent successes: Research Office Building, Housing Facility (opens this summer)
- Need to involve wider community
- Links to other organizations (SSRL Users, Fermilab UEC)
  - ◆ Combined UEC/SLUO lobbying trip to DC

# SLAC Centric Concerns

- Balance of SLUO Exec. Committee  
Representation (still heavily BaBar, theorists?)
- Need for a new “centerpiece” of SLUO activity
- Creation of greater “feeling of community” among users
- Health Care for students and foreign visitors
- Housing for families (especially from abroad)
- Day Care

# HEP Wide Concerns I

- Career paths for young scientists
  - ◆ There a mismatch between the needs of large long-time scale experiments and the development of young scientists
    - ◆ Hardware “care and feeding” role needed for operation sometimes results in “analysis anxiety”
    - ◆ Present mode leads to overspecialization; at the University new faculty level there is a general lack of appreciation of specialists.



# HEP Wide Concerns II

- Time scale for new projects
  - ◆ Difficult for a small University group to meaningfully participate since for the group to survive you need students and postdocs – hard to attract them if it will not lead to permanent jobs
  - ◆ Planning (LC) or construction (LHC) are inappropriate research activities for advanced grad students and postdocs except at an incidental level

# HEP Wide Concerns III

- Is there a future for small (1-2) faculty University groups?
  - ◆ Need for one in analysis, one in construction, one in planning for healthy program requires a larger group
    - ◆ Less variety  $\Rightarrow$  less ideas  $\Rightarrow$  you need less people  $\Rightarrow$  you get funds cut.
  - ◆ Not all departments envision large HEP groups
    - continuous cuts in University group funding send the message that this is not a growth area

# HEP Wide Concerns IV

## ■ Is there a future for anyone?

- ◆ The lack of an approved PROJECT for the future is hurting us badly
- ◆ What is there is no LC?
  - ◆ If a student gets in HEP now, what is he/she going to do after LHC?

## ■ Issues of concern to postdocs:

- ◆ Same as above.
- ◆ “A lot of people move to Particle Astrophysics not necessarily because they think it's more interesting, but because they think that is the only future.”